

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/001548

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01M8/02 H01M8/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	EP 1 434 297 A (HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P) 30 June 2004 (2004-06-30) paragraphs '0011!', '0020! - '0023!; claims 1-20; figures 1-10	1,3,6
A	US 2002/122972 A1 (KRAVITZ STANLEY H ET AL) 5 September 2002 (2002-09-05) paragraphs '0052!', '0084! ----- -/-	1-6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

4 May 2005

Date of mailing of the International search report

13/05/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>STANLEY K G ET AL: "Fabrication of a micromachined direct methanol fuel cell" 12 May 2002 (2002-05-12), IEEE CANADIAN CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING. CCECE 2002. WINNIPEG, MANITOBA, CANADA, MAY 12 - 15, 2002, CANADIAN CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING, NEW YORK, NY : IEEE, US, PAGE(S) 450-454 , XP002271656 ISBN: 0-7803-7514-9 abstract; figures 3,4</p> <p>-----</p>	1-6

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1434297	A	30-06-2004	US	2004081878 A1	29-04-2004
			CA	2446121 A1	29-04-2004
			EP	1434297 A2	30-06-2004
			JP	2004152761 A	27-05-2004
<hr/>					
US 2002122972	A1	05-09-2002	US	2003082431 A1	01-05-2003
			AU	4993200 A	21-11-2000
			CA	2370899 A1	16-11-2000
			EP	1190460 A1	27-03-2002
			JP	2002544649 T	24-12-2002
			CN	1349670 A	15-05-2002
			WO	0069007 A1	16-11-2000
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